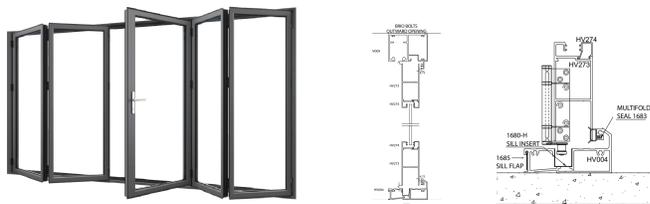




## WRS Installation Guide

### BiFold Multifold Doors

This guide covers the basic installation of WRS Aluminium BiFold Multifold Doors, including assembly of the outer frame, panel installation and final adjustment.



#### 1. Pre-Installation & Required Tools

Before beginning, ensure your rough opening is level, plumb, and square.

##### Required Tools:

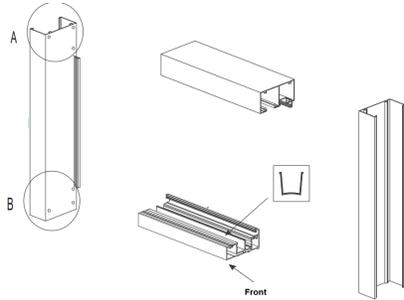
- **Spirit Level:** Essential for ensuring the sill and frame are perfectly level and plumb.
- **Power Drill & Driver:** For securing frame screws and building fixings.
- **Hex/Allen Key Set:** Required for adjusting pivots and tightening anti-shake grub screws.
- **Rubber Mallet:** To safely tap components like stile caps into place without damage.

#### 2. Outer Frame Assembly

The frame is shipped unassembled (In some cases for oversized items). All seals and hardware are pre-fitted at the factory.

1. **Layout:** Lay the head track, sill, and jambs flat on a clean surface.
2. **Joining:** Locate the screws pre-fitted into the screw flutes at the ends of the head and sill sections.

3. **Secure Corners:** Align the joints so they are tight and flush, then drive the screws to join the head and sill to the jambs.
4. **Seal:** All joints will be prefitted with a joint gasket so no additional sealing of joints is required.



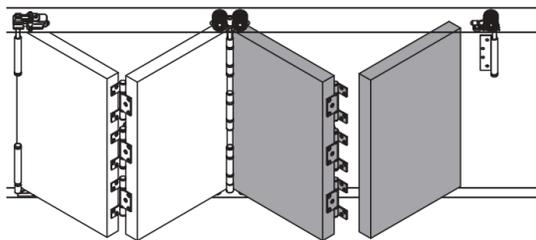
### 3. Outer Frame Installation

1. **Level the Sill:** Place plastic packers under the sill to ensure it is perfectly level across the entire opening.
2. **Head Track Fixings:** This is critical for top-rolling doors. Use fixings every **100mm** near the pivot end where the weight of the doors will be concentrated when folded. Space them every **400mm** for the remainder of the track.
3. **Jambs:** Fixings are recommended every **450mm**.
4. **Sill:** Fixings are recommended every **450mm**. Ensure any sill fixings are properly sealed with an appropriate silicone or sika to prevent any water penetration through the sill.

### 4. Hanging the Door Panels

Each panel is labeled (e.g., #1 Top Out). One hinge leaf is already screwed to a panel; the other must be screwed into the adjacent panel using the pre-fitted screws.

1. **Rollers:** The rollers will be pre-fitted into the head track in the correct positions.
2. **Fix Top & Bottom Pivots:** The pivots will be pre-fitted and will only require adjustment after the doors have been hung.
3. **Hang Panel #1 (Pivot Panel):** Lift the first panel and engage it into the top and bottom pivots.
4. **Intermediate Panels:** Bring the next panel to the pre-fitted top hanger. Screw the hinges from the previous panel into the stile of the new panel.



## 5. Critical Adjustments & Functional Tuning

Once hung, the doors must be adjusted to ensure they glide smoothly and lock correctly.

### Vertical Adjustment (Up/Down)

If the panels are dragging on the sill or are not completely level along the entire configuration:

- **Action:** Depress the locking button on the top hangers and wind the bolt.
- **Goal:** Create a consistent **7mm gap** between the top of the door panels and the head track.

### Horizontal Adjustment (Left/Right)

If the gap between the jamb and the first panel is uneven:

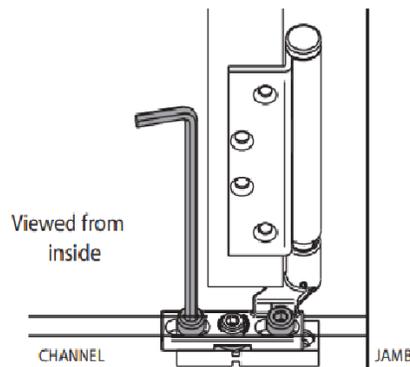
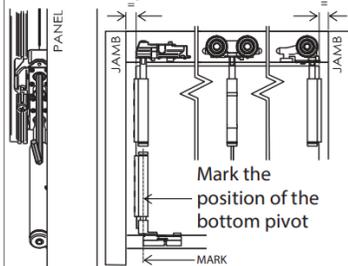
- **Action:** Loosen the locking screws on the top and bottom pivots.
- **Adjust:** Slide the pivot point left or right until the doors are centralised.
- **Standard Gap:** Aim for a **7mm gap** between the jamb and the first door panel.

### Security Locking

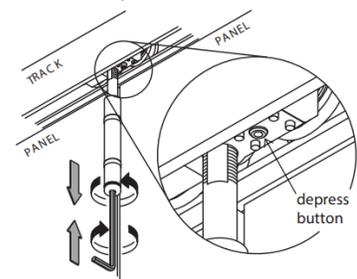
Once the doors function perfectly, you must lock the hardware:

- **Grub Screws:** Use a hex key to tighten the anti-shake grub screws on all hinges, hangers, and pivots. This prevents hinge pins from being removed or vibrating loose.

With the panels closed, loosen top pivot locking screw and adjust to centralise door panels. Then lock off top pivot and mark the position of the bottom pivot



To adjust height, depress button and wind bolt. Bolt locks off automatically on flats.







## Disclaimer

The information provided in this **WRS Basic Installation Guide** is intended for general informational purposes only. By proceeding with the installation of **WRS Aluminium Sliding Doors**, you acknowledge and agree to the following:

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### 1. Professional Installation Recommended

While this guide outlines the basic assembly and installation process, **WRS Windows & Doors** strongly recommends that all products be installed by a qualified licensed builder or professional installer. Improper installation may result in poor product performance, property damage, or personal injury.

### 2. Safety and Assistance

- **Two-Person Lift:** Due to the significant weight of the assembled outer frame and glass door panels, a **"Helping Buddy"** is required. Never attempt to lift or position these components alone.
- **Personal Protective Equipment (PPE):** Users should always wear appropriate **PPE**, including safety glasses and gloves, particularly when handling glass or operating power tools.

### 3. Compliance and Structural Integrity

- **Local Codes:** It is the responsibility of the installer to ensure that the installation complies with all local building codes, Australian Standards, and waterproofing requirements.
- **Building Structure:** Ensure the **rough opening** is structurally sound, level, and plumb before beginning. WRS is not responsible for damage caused by inadequate structural support or incorrect measurements.

### 4. Tools and Materials

Failure to use the **required tools** (such as a spirit level, power drill, and specialized sealants) or failure to use correct **fasteners and packers** may compromise the weatherproofing and operational integrity of the door system.

### 5. Limitation of Liability

**Brax Group SYD Pty Ltd** and **WRS Windows & Doors** shall not be held liable for any incidental or consequential damages, injuries, or product failures resulting from:

- Misinterpretation of these instructions.
- Modification of the product components.
- Failure to follow specific safety warnings (e.g., over-tightening fasteners at the head)